

Tier 1 Top Jobs List, Organized by Occupation Cluster

SOC	Occupation Title	Median Hourly	Median Annual	2016- 2026 Growth Rate (%)	Annual Avg. Openings	Related College Awards (IPEDS, 2016)	Typical Entry Education Level	Add'l Training	Existing Registered Apprentice ship in CO	Recognized as Apprenticeable by USDOL	Licensed Occupation	STEM
Management												
11-1021	General and Operations Managers	\$51.96	\$108,084	20.58	2,002	5,444	Bachelor's degree	None				
11-2021	Marketing Managers	\$70.10	\$145,800	21.08	144	426	Bachelor's degree	None				
11-2031	Public Relations and Fundraising Managers	\$60.60	\$126,047	20.69	63	39	Bachelor's degree	None				
11-3021	Computer and Information Systems Managers	\$71.84	\$149,425	29.88	272	1,103*	Bachelor's degree	None		x		x
11-3121	Human Resources Managers	\$60.58	\$126,008	23.39	78	391	Bachelor's degree	None				
11-9021	Construction Managers	\$40.08	\$83,360	22.47	393	114	Bachelor's degree	Moderate -term on-the-job training				x
11-9033	Education Administrators, Postsecondary	\$37.74	\$78,496	23.28	128	793	Master's degree	None				
11-9051	Food Service Managers	\$28.04	\$58,323	29.00	332	322**	High school diploma or equivalent	None	x	x		
11-9111	Medical and Health Services Managers	\$50.11	\$104,231	30.38	262	2,291	Bachelor's degree	None		x		
11-9141	Property, Real Estate, and Community Association Managers	\$37.57	\$78,149	25.80	166	113*	High school diploma or equivalent	None				
11-9151	Social and Community Service Managers	\$33.93	\$70,570	26.35	88	460	Bachelor's degree	None				

Business												
13-1051	Cost Estimators	\$30.52	\$63,487	25.50	258	983	Bachelor's degree	None				x
13-1111	Management Analysts	\$41.03	\$85,337	27.41	462	5,417	Bachelor's degree	None				
13-1131	Fundraisers	\$25.56	\$53,174	24.16	107	N/A	Bachelor's degree	None				
13-1151	Training and Development Specialists	\$31.48	\$65,471	20.91	256	391	Bachelor's degree	None				
13-1161	Market Research Analysts and Marketing Specialists	\$31.09	\$64,669	31.17	691	340	Bachelor's degree	None				
Finance												
13-2011	Accountants and Auditors	\$33.20	\$69,062	24.75	1,920	1,485*	Bachelor's degree	None			x	x
13-2021	Appraisers and Assessors of Real Estate	\$30.71	\$63,868	27.78	102	113*	Bachelor's degree	Long-term on-the-job training			x	x
13-2051	Financial Analysts	\$41.29	\$85,887	22.75	163	461*	Bachelor's degree	None				x
13-2052	Personal Financial Advisors	\$41.49	\$86,290	35.76	308	445*	Bachelor's degree	Long-term on-the-job training				x
Computer-related												
15-1121	Computer Systems Analysts	\$43.66	\$90,805	33.82	435	260*	Bachelor's degree	None		x		x
15-1122	Information Security Analysts	\$48.53	\$100,952	32.96	106	305*	Bachelor's degree	None				x
15-1132	Software Developers, Applications	\$49.95	\$103,904	31.06	1,196	382*	Bachelor's degree	None		x		x
15-1133	Software Developers, Systems Software	\$54.58	\$113,519	30.06	632	382*	Bachelor's degree	None				x
15-1134	Web Developers	\$27.18	\$56,534	42.03	183	291*	Associate's degree	None				x
15-1141	Database Administrators	\$46.36	\$96,439	25.25	121	295*	Bachelor's degree	None		x		x
15-	Computer User Support Specialists	\$27.07	\$56,301	26.56	564	13	Some	None		x		x

1151							college, no degree					
Mathematical												
15-2031	Operations Research Analysts	\$39.62	\$82,400	42.38	64	148	Bachelor's degree	None				x
Architecture and Engineering												
17-1011	Architects, Except Landscape and Naval	\$29.58	\$61,523	23.45	162	213	Bachelor's degree	Internship /residency			x	x
17-1021	Cartographers and Photogrammetrists	\$32.77	\$68,172	41.30	63	95	Bachelor's degree	None		x		
17-2051	Civil Engineers	\$39.38	\$81,903	23.32	484	448	Bachelor's degree	None			x	x
17-2081	Environmental Engineers	\$44.29	\$92,120	33.30	114	120	Bachelor's degree	None			x	x
17-2171	Petroleum Engineers	\$67.89	\$141,221	26.10	86	235	Bachelor's degree	None			x	x
Life, Physical, Social Science												
19-1031	Conservation Scientists	\$30.63	\$63,707	22.72	101	467	Bachelor's degree	None				x
19-1042	Medical Scientists, Except Epidemiologists	\$25.43	\$52,891	24.07	64	820	Doctoral or professional degree	None				x
19-2021	Atmospheric and Space Scientists	\$46.36	\$96,419	34.27	87	45	Bachelor's degree	None		x		x
19-2031	Chemists	\$35.98	\$74,831	20.98	83	305	Bachelor's degree	None				x
19-2041	Environmental Scientists and Specialists, Including Health	\$39.27	\$81,683	24.14	181	442	Bachelor's degree	None		x		x
19-2042	Geoscientists, Except Hydrologists and Geographers	\$48.00	\$99,844	25.73	125	238	Bachelor's degree	None				x
19-3031	Clinical, Counseling, and School Psychologists	\$36.26	\$75,412	33.61	228	801MA+, OR 118 DR	Doctoral or professional degree	Internship /residency			x	
Community and Social Services												
21-1022	Healthcare Social Workers	\$24.57	\$51,098	35.45	144	3	Master's degree	None			x	

21-1091	Health Educators	\$25.06	\$52,114	26.72	40	10	Bachelor's degree	None		x		
Education												
25-1011	Business Teachers, Postsecondary	\$35.30	\$73,418	23.60	70	N/A	Doctoral or professional degree	None				x
25-1032	Engineering Teachers, Postsecondary	\$46.18	\$96,064	28.49	49	N/A	Doctoral or professional degree	None				x
25-1042	Biological Science Teachers, Postsecondary	\$29.88	\$62,146	31.30	48	N/A	Doctoral or professional degree	None				x
25-1066	Psychology Teachers, Postsecondary	\$25.28	\$52,574	31.54	42	N/A	Doctoral or professional degree	None				
25-1071	Health Specialties Teachers, Postsecondary	\$50.86	\$105,779	35.70	295	N/A	Doctoral or professional degree	None				x
25-1072	Nursing Instructors and Teachers, Postsecondary	\$27.67	\$57,555	36.17	80	N/A	Master's degree	None				x
25-1081	Education Teachers, Postsecondary	\$23.20	\$48,247	23.86	59	N/A	Doctoral or professional degree	None				
25-1121	Art, Drama, and Music Teachers, Postsecondary	\$25.79	\$53,638	25.86	95	N/A	Master's degree	None				
25-2051	Special Education Teachers, Preschool	\$25.01	\$52,016	21.77	41	72	Bachelor's degree	Internship/residency				
25-9031	Instructional Coordinators	\$32.10	\$66,774	20.59	106	382	Master's degree	None				x
Media and Communication												
27-2012	Producers and Directors	\$27.10	\$56,367	23.85	124	391	Bachelor's degree	None				

27-3042	Technical Writers	\$34.62	\$72,017	24.39	64	23	Bachelor's degree	Short-term on-the-job training				
27-3043	Writers and Authors	\$32.11	\$66,787	21.46	75	2,098	Bachelor's degree	Moderate-term on-the-job training				
27-3091	Interpreters and Translators	\$27.01	\$56,181	53.45	129	608	Bachelor's degree	Short-term on-the-job training				
Health Diagnosing and Treating												
29-1041	Optometrists	\$63.45	\$131,982	30.22	74	N/A	Doctoral or professional degree	None			x	x
29-1051	Pharmacists	\$59.04	\$122,806	21.48	250	290	Doctoral or professional degree	None			x	x
29-1067	Surgeons	\$108.83	\$226,366	24.48	54	*	Doctoral or professional degree	Internship/residency			x	x
29-1069	Physicians and Surgeons, All Other	\$117.61	\$244,629	21.28	136	*	Doctoral or professional degree	Internship/residency			x	x
29-1071	Physician Assistants	\$48.50	\$100,889	38.37	179	73	Master's degree	None			x	x
29-1122	Occupational Therapists	\$39.80	\$82,781	36.54	155	50	Master's degree	None			x	
29-1123	Physical Therapists	\$36.06	\$75,003	44.42	358	135	Doctoral or professional degree	None			x	x
29-	Respiratory Therapists	\$28.54	\$59,355	34.26	108	113	Associate'	None			x	x

1126							s degree					
29-1127	Speech-Language Pathologists	\$39.82	\$82,817	30.40	191	186	Master's degree	None			x	
29-1131	Veterinarians	\$38.54	\$80,159	25.29	106	147	Doctoral or professional degree	None			x	x
29-1141	Registered Nurses	\$33.05	\$68,747	35.72	2,912	2,558	Bachelor's degree	None			x	x
29-1171	Nurse Practitioners	\$48.53	\$100,939	45.77	190	331	Master's degree	None			x	x
Health Technologists and Technicians												
29-2011	Medical and Clinical Laboratory Technologists	\$31.61	\$65,758	31.79	150	46*	Bachelor's degree	None			x	x
29-2032	Diagnostic Medical Sonographers	\$38.96	\$81,034	45.60	59	11	Associate's degree	None				x
29-2034	Radiologic Technologists and Technicians	\$30.05	\$62,496	25.22	152	227	Associate's degree	None		x		x
Healthcare Support												
31-2021	Physical Therapist Assistants	\$26.03	\$54,148	43.37	87	100	Associate's degree	None				
Sales												
41-9022	Real Estate Sales Agents	\$24.64	\$51,241	20.92	259	113*	High school diploma or equivalent	Moderate-term on-the-job training			x	
Construction												
47-1011	First-Line Supervisors of Construction Trades and Extraction Work	\$31.36	\$65,237	29.53	587	N/A	High school diploma or equivalent	None				
47-5012	Rotary Drill Operators, Oil and Gas	\$28.67	\$59,624	32.92	55	N/A	No formal educational credential	Moderate-term on-the-job training				

Installation, Maintenance and Repair												
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	\$26.20	\$54,492	38.29	289	229**	Postsecondary non-degree award	Long-term on-the-job training	x	x		x
49-9041	Industrial Machinery Mechanics	\$27.10	\$56,360	28.76	287	45**	High school diploma or equivalent	Long-term on-the-job training	x	x		x
49-9051	Electrical Power-Line Installers and Repairers	\$34.39	\$71,533	20.91	158	125**	High school diploma or equivalent	Long-term on-the-job training	x	x		
Production												
51-8021	Stationary Engineers and Boiler Operators	\$27.90	\$58,033	26.55	40	N/A**	High school diploma or equivalent	Long-term on-the-job training	x	x		
Transportation and Material Moving												
53-7073	Wellhead Pumpers	\$28.99	\$60,289	23.53	44	N/A	High school diploma or equivalent	Moderate-term on-the-job training				x

N/A- Directly associated postsecondary program or completions could not be identified

*- Completions are shared across multiple occupations and are likely insufficient to meet demand

**- Incomplete data- does not include all apprenticeship or other industry certification program completions